



Larry Evans removed the spreader on back of a tandem axle fertilizer buggy and mounted a 6-in. dia., 12-ft. long hydraulically-powered auger.



Hydraulic hoses run from tractor back to add-on orbit motor on back of buggy, which is used to drive the auger.

Fertilizer Buggy Converted Into Dry Fertilizer Tender

Larry Evans, New Paris, Ohio, converted a tandem axle fertilizer buggy into a dry fertilizer tender that he uses to load his planter.

"I use it to load fertilizer into my 12-row planter, which is equipped with a hydraulically-operated fertilizer auger that runs across the top of the planter. Since the buggy was built to handle fertilizer, it should last much longer than the gravity wagon we had been using," says Evans.

"I use my pickup to tow it on the highway to our fertilizer supplier, which eliminates

ever-increasing fertilizer delivery charges. The auger folds in the middle for road transport. Once I get back home I hook the buggy back up to my Deere 4640 tractor. It'll hold almost four tons of fertilizer."

The buggy's spreader system was originally pto-driven, and the drag chain originally ran off a ground-driven tire. Evans removed the spreader system on back of the buggy and mounted a gearbox, allowing him to redirect the spreader's pto shaft through the gearbox to operate the drag chain. He fabricated a

small hopper at the back of the machine and mounted a 6-in. dia., 12-ft. long hydraulically-powered auger. He also added an orbit motor on back and ran hydraulic hoses from the tractor back to the motor in order to drive the auger.

"I paid \$500 for the fertilizer buggy and spent a total of less than \$600 to make the conversion, not counting my labor," says Evans. "The auger and hydraulic motor are off an old wagon that we had been using to haul fertilizer. The buggy was built to handle

fertilizer and should last much longer than our old gravity wagon did. I use a pair of 12-volt solenoid control valves on the buggy frame to adjust the speed of both the auger and the belt.

"The buggy could also be used as a seed tender for unloading soybean seed into a planter, by replacing the drag chain with a brush auger."

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Renee Wilkerson's husband made this hoop house for about \$100, using three lengths of cattle panel and a heavy duty tarp.

Low-Cost Housing For Goats

"My husband recently made a hoop house for my goats for about \$100, using three lengths of cattle panel and a heavy-duty tarp," says Renee Wilkerson of Marion, Ohio.

"He started by pounding four T-posts into the ground, placed parallel to each other about 84 in. apart. Then he placed a 16-ft. long, 2 by 8 wood board along each side. Then he bent a 16-ft. long cattle panel, placing the ends inside both boards.

"He stapled and nailed the panel to the wood and used some old wire to tie the panel

to the T-posts. Then he installed a second panel, tying the ends of the two panels together. He repeated with one more panel. Each panel cost \$22.99.

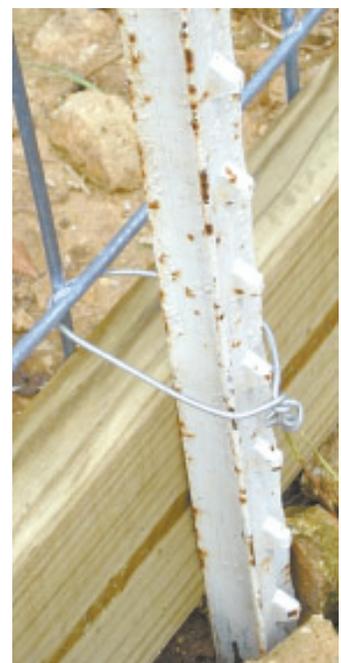
"The last step was to cover the panels with a heavy-duty 12 by 16-ft. tarp, which cost \$19.99. I'm sure that over time wind will rip the tarp, but it can always be replaced.

"It didn't take long to do and makes a great temporary shelter."

Contact: FARM SHOW Followup, Dora Renee Wilkerson, Marion, Ohio.



He started by pounding four T-posts into the ground, placed parallel to each other 84 in. apart (left). Then he placed a 16-ft. long, 2 by 8 wood board along each side.



He bent a 16-ft. long cattle panel, placing the ends inside both boards. He stapled and nailed the panel to the wood and wired the panel to the T-posts. Then he installed a second panel, tying the ends of the two panels together.

Some of the best new ideas we hear about are "made it myself" inventions born in farmers' workshops. If you've got a new idea or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 800 834-9665. Or you can submit an idea at our website at www.farmshow.com.

Mark Newhall, Editor

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